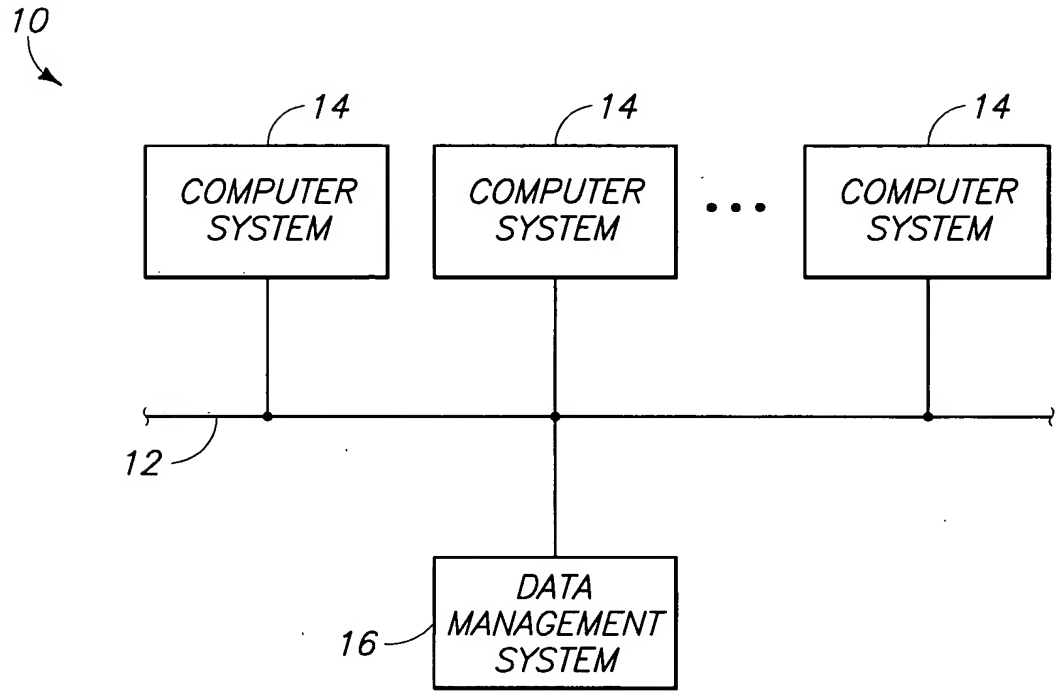
10
14
COMPUTER SYSTEM
14
COMPUTER SYSTEM
14
COMPUTER SYSTEM
12
DATA MANAGEMENT SYSTEM
16

Fig. 1

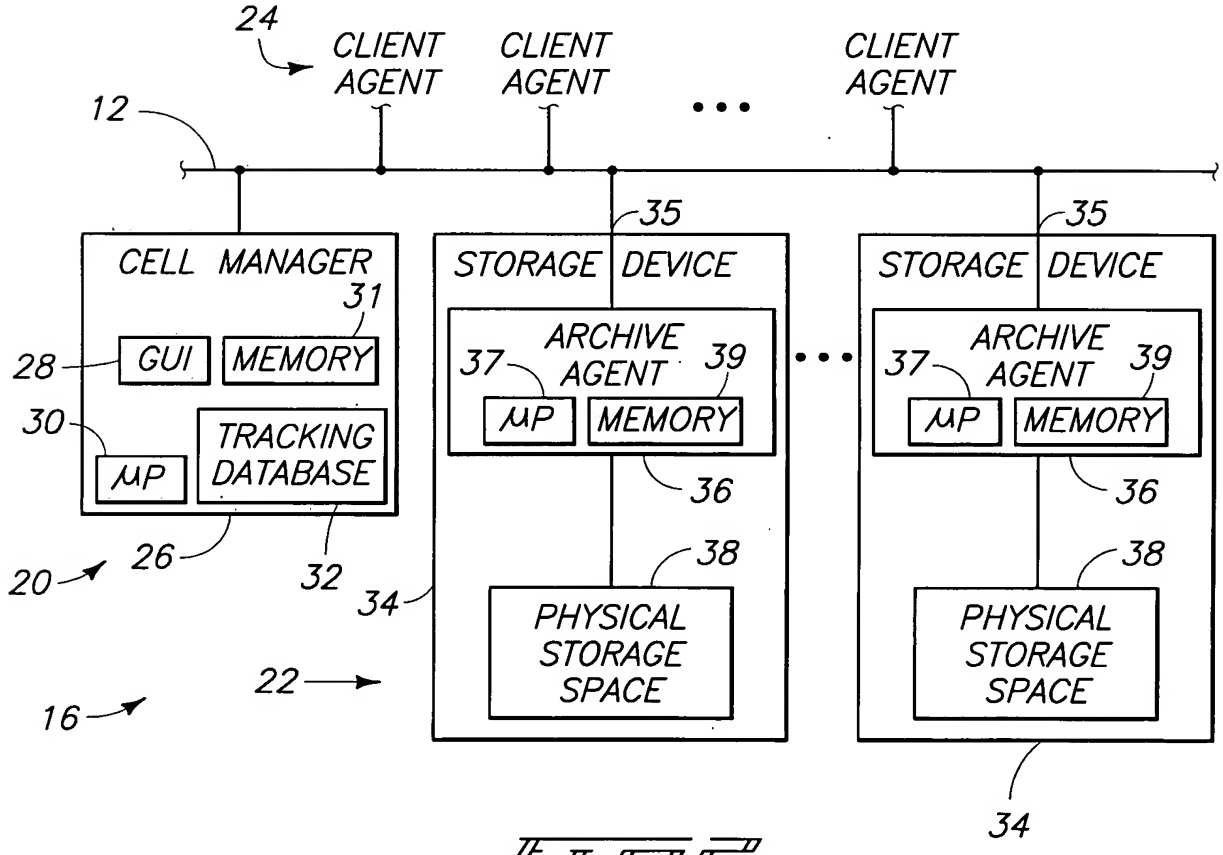
24
CLIENT AGENT
CLIENT AGENT
CLIENT AGENT
12
35
35
CELL MANAGER
31
GUI
MEMORY
28
30
μP
TRACKING DATABASE
STORAGE DEVICE
ARCHIVE AGENT
37
39
μP
MEMORY
36
38
PHYSICAL STORAGE SPACE
STORAGE DEVICE
ARCHIVE AGENT
37
39
μP
MEMORY
36
38
PHYSICAL STORAGE SPACE
20
26
32
34
22
16
34

Fig. 2

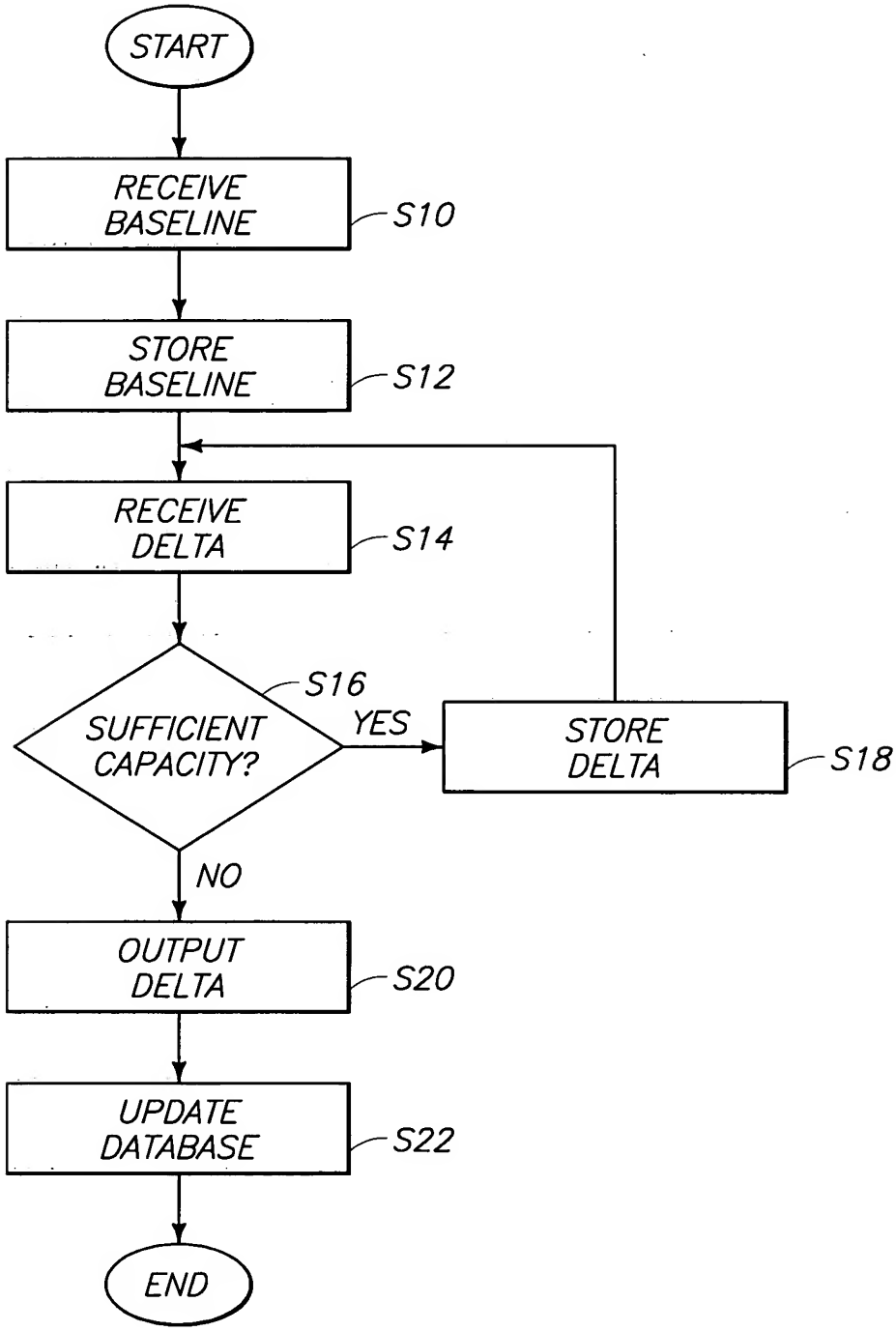
START
RECEIVE BASELINE
S10
STORE BASELINE
S12
RECEIVE DELTA
S14
SUFFICIENT CAPACITY?
S16
YES
STORE DELTA
S18
NO
OUTPUT DELTA
S20
UPDATE DATABASE
S22
END

Fig 3

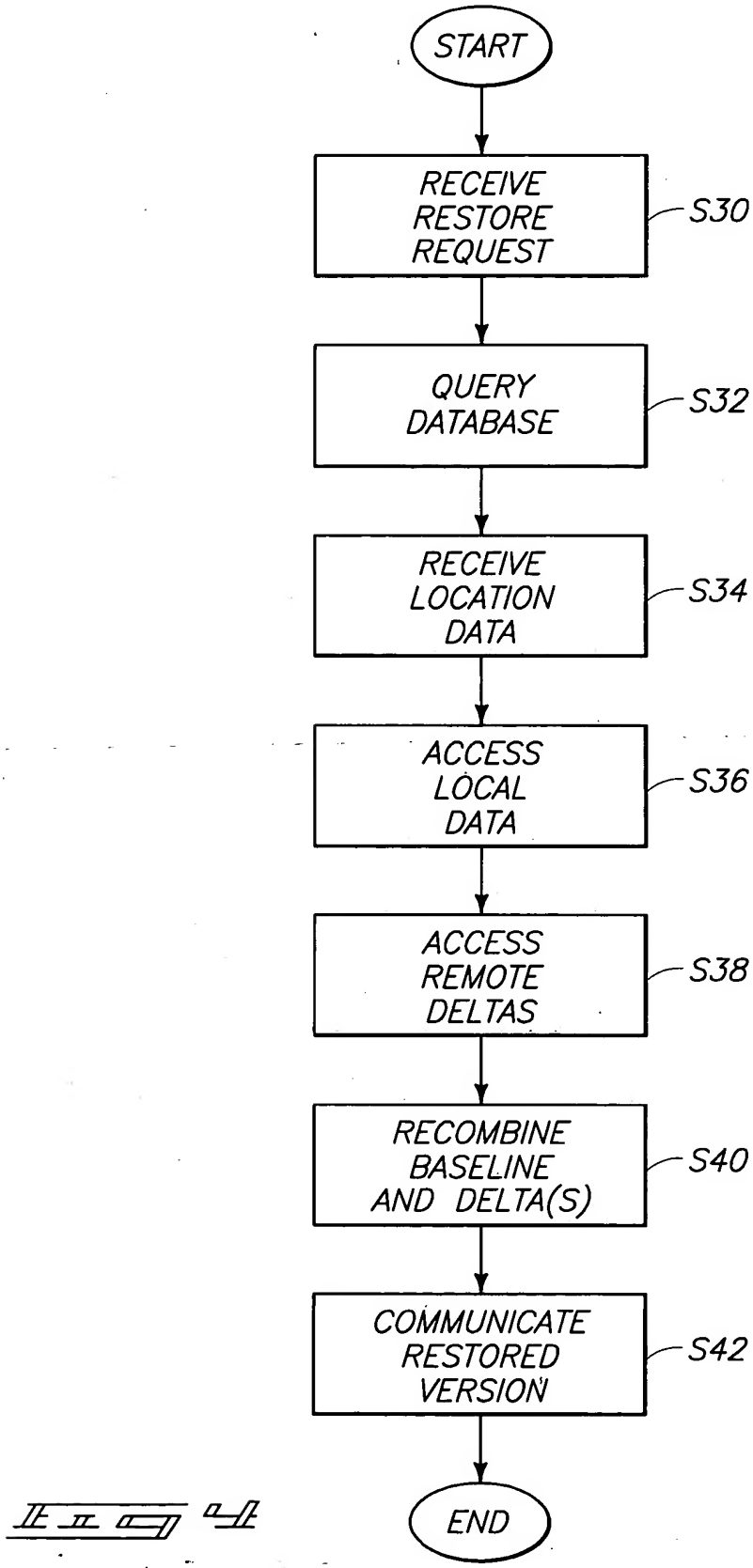
START
RECEIVE RESTORE REQUEST
S30
QUERY DATABASE
S32
RECEIVE LOCATION DATA
S34
ACCESS LOCAL DATA
S36
ACCESS REMOTE DELTAS
S38
RECOMBINE BASELINE AND DELTA(S)
S40
COMMUNICATE RESTORED VERSION
S42
END

Fig 4